

UNCLAS R 262145Z MAR 04 CNO WASHINGTON DC

TO COMNAVSECGRU FT GEORGE G MEADE MD
COMPACFLT PEARL HARBOR HI
OPNAVSUPPACT WASHINGTON DC
FLDSUPPACT WASHINGTON DC
COMUSNAVCENT
COMNAVRESFOR NEW ORLEANS LA
COMNAVRESFORCOM NEW ORLEANS LA
COMNAVSEASYS COM WASHINGTON DC
CHNAVPER WASHINGTON DC
COMSC WASHINGTON DC
USNA ANNAPOLIS MD
NAVWARCOL NEWPORT RI
COMNAVLEGSVCCOM WASHINGTON DC
NAVPGSCOL MONTEREY CA
COMNAVFAECOM WASHINGTON DC
NAVSTKAIRWARCEN FALLON NV
DIRSSP WASHINGTON DC
COMNAVSAIRSYSCOM PATUXENT RIVER MD
PRESINSURV NORFOLK VA
COMNAVSAFECEN NORFOLK VA
NAVOBSY WASHINGTON DC
COMNAVDIST WASHINGTON DC
COMNAVSPECWARCOM CORONADO CA
NAVHISTCEN WASHINGTON DC
CNI WASHINGTON DC
NCTSI SAN DIEGO CA
PEO IT WASHINGTON DC
COMNAVMETOCOM STENNIS SPACE CENTER MS
NETC PENSACOLA FL
BUMED WASHINGTON DC
COMNAVSUPSYSCOM MECHANICSBURG PA
COMSPAWARSYSCOM SAN DIEGO CA

INFO USJFCOM GCCC NORFOLK VA
USPACOM HONOLULU HI
DON CIO WASHINGTON DC
CMC WASHINGTON DC
COMFLTFORCOM NORFOLK VA
COMNAVNETWARCOM NORFOLK VA
COMDT COGARD WASHINGTON DC
COMOPTEVFOR NORFOLK VA
PEO C4I AND SPACE SAN DIEGO CA

ATTENTION INVITED TO ADMINISTRATIVE MESSAGE

ROUTINE

R 262145Z MAR 04 ZYB PSN 284955M33

FM CNO WASHINGTON DC//N61F//

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BT
UNCLAS //N05239//

MSGID/GENADMIN/CNO WASHINGTON DC/N61F/MAR/-//

SUBJ/NAVY COMMON ACCESS CARD (CAC) AND PUBLIC KEY INFRASTRUCTURE
/(PKI) IMPLEMENTATION GUIDANCE UPDATE//

REF/A/MSG/CNO WASH DC/011600ZMAY2003/-/NOTAL//

REF/B/DOC/ASSTSECDEF WASH DC/21MAY2002/-/NOTAL//

REF/C/MSG/DON CIO WASH DC/151407ZSEP2003/-/PASEP//

REF/D/DOC/DON CIO WASH DC/19MAY2003/-/NOTAL//

REF/E/DOC/DOD WASH DC/24OCT2002/-/NOTAL//

REF/F/MSG/CNO WASH DC/221400ZSEP2003//

REF/G/MSG/CNO WASH DC/182137ZFEB2004//

REF/H/MSG/DON CIO WASH DC/052157ZMAR2004/-/NOTAL//

REF/I/DOC/UNSECDEF WASH DC/25SEP2003//

NARR/REF A IS CNO PKI IMPLEMENTATION GUIDANCE. REF B PROMULGATED THE DOD PKI POLICY AND MILESTONES UPDATE. REF C IS THE DON CIO MSG AUTHORIZING A SIX-MONTH EXTENSION FOR DON COMPLIANCE WITH THE DOD MANDATES. REF D IS DON CIO SMART CARD AND PKI POLICY. REF E IS THE DOD INFORMATION ASSURANCE DIRECTIVE 8500.1. REF F IS SEP 03 PKI IMPLEMENTATION UPDATE. REF G IS PKI IMPLEMENTATION STATUS REPORTING REQUIREMENT. REF H IS DON CIO UPDATE OF REF C. REF I IS UNSECDEF MEMO CHANGING THE CAC ISSUANCE MANDATE TO 01 APR 2004 FOR ALL ELIGIBLE RECIPIENTS.//

POC/MR. FRANCIS JONES/CIV/OPNAV N61C416/LOC:WASH DC
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//

RMKS/1. THIS IS A COMNAVNETWARCOM (NSD), DIRECTOR NMCI, COMMANDER, NAVY PERSONNEL COMMAND (PERS 673), COMMANDER, NAVY INSTALLATIONS (CNI), CNO (N6F/N61) AND DON CIO COORDINATED MESSAGE TO PROVIDE AMPLIFYING IMPLEMENTATION GUIDANCE TO REFS A THROUGH F AND H, AND RECONFIRM COMPLIANCE REPORTING REQUIREMENTS OF REF G.

2. REFS B AND C SET THE FOLLOWING DOD PKI MILESTONES AT NO LATER THAN 01 APRIL 2004:

- A. CLIENT SIDE AUTHENTICATION TO DOD PRIVATE WEB SERVERS
- B. DIGITALLY SIGNING OFFICIAL E-MAIL SENT WITHIN DOD
- C. PK-ENABLE WEB APPLICATIONS IN UNCLASSIFIED ENVIRONMENTS
- D. PK-ENABLE DOD UNCLASSIFIED NETWORKS FOR HARDWARE TOKEN CERTIFICATE BASED ACCESS CONTROL
- E. DON INDUSTRY PARTNERS OBTAIN DOD PKI DIGITAL CERTIFICATES OR EXTERNAL CERTIFICATE AUTHORITY (ECA) PKI DIGITAL CERTIFICATES.

3. MONITORING OF NAVY PKI IMPLEMENTATION BY PEO C4I AND SPACE (PMW 161) IN COORDINATION WITH NETWARCOM (NSD) AND CNO (N6F/N61C4) ACROSS NMCI, OCONUS, AFLOAT, AND NON-NMCI CONUS ENVIRONMENTS, INDICATES A NUMBER OF TECHNICAL AND NON TECHNICAL CHANGES REMAIN; FULL MILESTONE IMPLEMENTATION WITHIN NAVY WILL NOT BE ACHIEVED BY 1 APR 04. DON CIO HAS ACKNOWLEDGED NAVY'S ACCOMPLISHMENTS TO DATE, AND DIRECTED THE CONTINUED EMPHASIS ON USE OF PKI AND ASSOCIATED PK-ENABLEMENT OF APPLICATIONS AND WEB SITES; REF H PROVIDES THE NAVY LATITUDE IN PKI MILESTONE IMPLEMENTATION.

4. THE NAVY IS COMMITTED TO FULLY IMPLEMENTING NETWORK SECURITY USING PUBLIC KEY TECHNOLOGY IN ALL LOCATIONS AND OPERATING ENVIRONMENTS AS SOON AS FEASIBLE. TO POSITIVELY MEASURE PROGRESS TOWARD THIS GOAL, THIS MESSAGE REAFFIRMS THE REF G REQUIREMENT FOR ALL SECOND ECHELON COMMANDS TO PROVIDE MONTHLY PKI IMPLEMENTATION REPORTS.

5. SPECIFIC GUIDANCE FOR NAVY PKI DEPLOYMENT AND IMPLEMENTATION:

- A. CLIENT SIDE AUTHENTICATION TO DOD PRIVATE WEB SERVERS. EFFECTIVE

DATE REMAINS 1 APRIL FOR ENABLEMENT. THOSE SERVERS HAVING A USER BASE YET TO MIGRATE TO CAC-ENABLED WORKSTATIONS ARE AUTHORIZED AND ENCOURAGED TO MAINTAIN BOTH CAC BASED AND NON-CAC BASED METHODS OF AUTHENTICATION (USERNAME/PASSWORD) UNTIL USER BASE HAS MIGRATED OR OCT 04, WHICHEVER IS SOONER.

NOTE: THERE IS A STANDING REQUIREMENT FOR SERVER SIDE AUTHENTICATION ENABLEMENT FOR ALL NAVY UNCLASSIFIED PRIVATE WEB SITES USING DOD PKI SERVER CERTIFICATES AND SECURE SOCKETS LAYER (SSL) SESSION ENCRYPTION. ANY SITE NOT COMPLIANT MUST TAKE IMMEDIATE ACTION AND NOTE NONCOMPLIANCE IN MONTHLY REPORT, REF D GERMANE. NON-NMCI COMMANDS SHOULD CONTACT THE NAVY PKI HELP DESK FOR ASSISTANCE IN ENABLING CLIENT SIDE AUTHENTICATION AND INFORMATION ON RECEIVING SMARTCARD READERS AND MIDDLEWARE NECESSARY FOR CAC USE AT NO CHARGE TO THE COMMAND.

B. DIGITALLY SIGNING E-MAIL SENT WITHIN DOD IS EFFECTIVE 1 APRIL, OR AS THE DESKTOP EQUIPMENT IS PROVIDED. E-MAIL REQUIRING MESSAGE INTEGRITY AND/OR NON-REPUDIATION MUST BE DIGITALLY SIGNED. THE MAJORITY OF ALL EMAIL FALLS INTO THIS CATEGORY. THIS INCLUDES ANY EMAIL THAT:

- DIRECTS/TASKS OR PASSES DIRECTION/TASKING
- REQUESTS OR RESPONDS TO REQUESTS FOR RESOURCES
- PROMULGATES ORGANIZATION POSITION/INFORMATION EXTERNAL TO THE ORGANIZATION (DIVISION, DEPARTMENT, COMMAND)
- DISCUSSES ANY OPERATIONAL MATTER
- DISCUSSES CONTRACT INFORMATION, FINANCIAL OR FUNDING MATTERS
- DISCUSSES PERSONNEL MANAGEMENT MATTERS
- THE NEED EXISTS TO ENSURE THAT THE EMAIL ORIGINATOR IS THE ACTUAL ORIGINATOR
- THE NEED EXISTS TO ENSURE THAT THE EMAIL CONTENT HAS NOT BEEN TAMPERED WITH IN TRANSIT.

E-MAIL THAT IS PERSONAL AND NON-OFFICIAL IN NATURE (E.G., SAILOR MAIL) DOES NOT HAVE TO BE DIGITALLY SIGNED. USERS THAT HAVE AN OPERATIONAL REQUIREMENT TO SEND SIGNED EMAIL BUT DO NOT HAVE ACCESS TO HARDWARE AND SOFTWARE REQUIRED TO SIGN EMAIL WITH THE CAC ARE AUTHORIZED TO SEND SIGNED EMAIL USING SOFTWARE BASED CERTIFICATES. ALL OTHER USERS THAT DO NOT HAVE THE ABILITY TO SEND SIGNED EMAIL ARE AUTHORIZED TO SEND UNSIGNED EMAIL UNTIL OBTAINING ACCESS TO APPROPRIATE CAC-BASED EQUIPMENT OR OCT 04 WHICHEVER IS SOONER. COMMANDS MUST ENSURE THAT ISSUANCE OF SOFTWARE CERTIFICATES IS HELD TO A MINIMUM, ISSUED ONLY WHEN OPERATIONALLY NECESSARY, AND NOTED IN THE MONTHLY STATUS REPORT.

NOTE: ENCRYPT EMAIL CONTAINING SENSITIVE INFORMATION AS DEFINED IN REF E ENCLOSURE 2(PARA E2.1.41). ENCRYPT EMAIL THAT DISCUSSES ANY MATTER THAT MAY SERVE AS AN OPSEC INDICATOR.

C. PK-ENABLE WEB APPLICATIONS IN UNCLASSIFIED ENVIRONMENTS. CONTINUE PLANNED EFFORTS FOR THE PK-ENABLEMENT OF WEB APPLICATIONS; TARGET COMPLETION PRIOR TO OCT 04.

D. PK-ENABLE DOD UNCLASSIFIED NETWORKS FOR HARDWARE TOKEN CERTIFICATE BASED ACCESS CONTROL. EFFECTIVE 1 APRIL AS INFRASTRUCTURE IS DELIVERED. ALL DON ORGANIZATIONS SHALL CONTINUE TO INSTALL CAC READERS AND ASSOCIATED MIDDLEWARE. ALL NETWORKS SHALL COMPLETE DEPLOYMENT OF CAC READERS AND MIDDLEWARE NLT THE FOLLOWING TIMEFRAMES:

- 50% COMPLETION BY 30 JUN 04
- 75% COMPLETION BY 30 AUG 04
- 100% COMPLETION BY 31 OCT 04

THOSE NETWORKS THAT DO NOT HAVE INFRASTRUCTURE COMPONENTS TO SUPPORT

PK CRYPTOGRAPHIC BASED NETWORK LOGON ARE AUTHORIZED TO SUPPORT
PASSWORD/USER ID LOGON UNTIL PROPERLY EQUIPPED OR OCT 04, WHICHEVER
IS SOONER.

NOTE: COMMANDS AWAITING CONVERSION TO NMCI, OR HAVING CURRENT
PROGRAMMED INSTALLATION OF PK-ENABLING EQUIPMENT PRIOR TO OCT 04, DO
NOT NEED TO MAKE LOCAL INVESTMENTS IN PKI INFRASTRUCTURE TO MEET
ABOVE INCREMENTAL MILESTONES UNLESS OPERATIONALLY REQUIRED.
AUTHORIZATION TO DELAY IS CONTINGENT UPON COMMAND IDENTIFICATION OF
CONCERNS IN THE MONTHLY REPORT, REF G REFERS.
E. DON INDUSTRY PARTNERS OBTAIN DOD PKI DIGITAL CERTIFICATES OR
EXTERNAL CERTIFICATE AUTHORITY (ECA) PKI DIGITAL CERTIFICATES.
EFFECTIVE 1 APRIL FOR CURRENT PARTNERS AND UPON IDENTIFICATION OF
NEW PARTNERS.

6. CONCURRENT WITH INITIAL PKI MILESTONES, REF I DIRECTED COMPLETION
OF INITIAL COMMON ACCESS CARD (CAC) ISSUANCE BY APR 04, AS CAC IS A
CRITICAL COMPONENT OF NAVY'S PREPARATION TO MEET NETWORK SECURITY
REQUIREMENTS. THE MILESTONE DATE REMAINS UNCHANGED. ECHELON 2
COMMANDERS ARE REQUIRED TO DIRECT UNIT COMMANDING OFFICERS TO SURVEY
ASSIGNED PERSONNEL TO ENSURE ALL ELIGIBLE HAVE RECEIVED CAC - ACTIVE
MILITARY, SELECTED RESERVES, DOD FEDERAL CIVIL SERVANTS AND
AUTHORIZED CONTRACTORS. CAC IS THE DESIGNATED CLASS 3 PKI HARDWARE
TOKEN; SUSTAINMENT (ISSUANCE, REISSUANCE, AND MAINTENANCE INCLUDING
CAC PIN RESET AND PKI CREDENTIAL UPDATE) IS ESSENTIAL TO NAVY
NETWORK SECURITY. ECHELON 2 COMMANDERS ARE REQUESTED TO REVIEW CAC
SUSTAINMENT CAPACITY WITHIN THEIR AOR. REPLACEMENT OF A CAC WITH A
TRADITIONAL TESLIN ID CARD IS NO LONGER ACCEPTABLE AS A MATTER OF
ROUTINE BUSINESS. IN SITUATIONS WHERE LOCAL CAC SUSTAINMENT IS NOT
POSSIBLE, THE FOLLOWING INITIAL AND MONTHLY UPDATE REPORT SHALL BE
SUBMITTED BY ECHELON 2 COMMANDS TO NAVNETWARCOM (NSD) - MONTHLY
UPDATES WILL BE SUBMITTED NLT THE FIFTH OF EACH CALENDAR MONTH:

- A. ACTIVITY NAME
- B. CURRENT SUPPORTING DEERS SITE
- C. PENDING DEERS RAPIDS WORKSTATION INSTALLATION DATE (IF DESIGNATED
TO RECEIVE A DEERS RAPIDS WORKSTATION)
- D. PLAN FOR CAC SUSTAINMENT (IF NO LOCAL DEERS RAPIDS WORKSTATION IS
PLANNED)
- E. DATE FOR PLAN IMPLEMENTATION
- F. POC

AS COMMANDS RECEIVE LOCAL SUSTAINMENT CAPABILITY, NOTIFICATION WILL
BE PROVIDED TO CEASE THE MONTHLY REPORT.

7. PKI POINTS OF CONTACT AND ROLES:

- A. NAVY PKI POLICY - CNO (N614331) MR. FRANCIS JONES AT
FRANCIS.JONES(AT)NAVY.MIL, 703-601-1296
- B. PKI/NETWORK ISSUES - NETWARCOM (NSD) MR. SETH GANG AT
SETH.GANG(AT)NAVY.MIL, 717-417-6763, EXT 1.
- C. NAVY CAC ISSUANCE, MAINTENANCE, PLANNING, AND COORDINATION - CNI,
MS. DONNA FREEDMAN, DONNA.FREEDMAN(AT)NAVY.MIL, 850-452-7705.
- D. NMCI PKI IMPLEMENTATION AND IMPLEMENTATION OF CRYPTOGRAPHIC LOGON
- DIRECTOR, NMCI, MR. DICK MICHAUX, RICHARD.MICHAUX(AT)NAVY.MIL,
703-685-5553, OR MR. CHRIS GREENEY, CHRISTOPHER.GREENEY(AT)NAVY.MIL,
703-685-5555.
- E. NON-NMCI PKI IMPLEMENTATION - PEO C4I AND SPACE (PMW 161-2A) MR.
SAMIR OTHMAN AT SAMIR.OTHMAN(AT)NAVY.MIL, 619-524-7369
- F. GENERAL PKI INFORMATION - NAVY PKI HELPDESK
ITAC(AT)INFOSEC.NAVY.MIL, 800-304-4636, DSN 588-4286

G. NMCI PKI INFORMATION - NMCI HELPDESK, 866-THE-NMCI (843-6624)

8. WIDEST DISSEMINATION REQUESTED.//

BT

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